

FCC Test Report

Report No.: 2605P42932EB

Applicant: Shenzhen Jixun Telecommunications Co., Ltd.

Address: Room1405G09, Building West, No.2 Tairan 10th Road, Tianan Community, Futian District Shenzhen China

Product Name: Push To Talk Over Cellular Radio

Product Model: D21

Multiple Models: N/A

Trade Mark: 

FCC ID: 2BUPQ-D21

Standards: FCC CFR Title 47 Part 2, 22H, 24E, 27

Test Date: 2026-01-23 to 2026-03-25

Test Result: Complied

Issue Date: 2026-03-26

Reviewed by:

James Fu

Approved by:

Jacob Kong

James Fu
Project Engineer

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Revision History

Version No.	Issued Date	Description
00	2026-03-26	Original

Contents

1	General Information	4
1.1	Client Information.....	4
1.2	Product Description of EUT	4
1.3	Measurement Uncertainty	5
1.4	Laboratory Location	5
1.5	Test Methodology.....	5
2	Description of Measurement.....	6
2.1	Test Frequency of Low/Middle/High Channels	6
2.2	Test Configuration for LTE bands	6
2.3	Test Voltage [#]	7
2.4	Test Auxiliary Equipment	8
2.5	Test Auxiliary Equipment	8
2.6	Block Diagram of Connection between EUT and AE	8
2.7	Test Setup	9
2.8	Test Procedure.....	11
2.9	Measurement Method.....	12
2.10	Measurement Equipment	13
3	Test Results	15
3.1	Test Summary.....	15
3.2	Limit	16
3.3	RF Conducted Test Data	21
3.4	Radiated Spurious emission Test Data.....	22
4	Test Setup Photo.....	29
5	E.U.T Photo	30

1 General Information

1.1 Client Information

Applicant:	Shenzhen Jixun Telecommunications Co., Ltd.
Address:	Room1405G09, Building West, No.2 Tairan 10th Road, Tianan Community, Futian District Shenzhen China
Manufacturer:	Shenzhen Jixun Telecommunications Co., Ltd.
Address:	Room1405G09, Building West, No.2 Tairan 10th Road, Tianan Community, Futian District Shenzhen China

1.2 Product Description of EUT

The EUT is Push To Talk Over Cellular Radio that contains LTE radios, this report covers the full testing of the LTE radios.

Sample Serial number	3GGN-1 for RE test, 3GGN-10 for RF conducted test(assigned by WATC)				
Sample Received Date	2026-01-22				
Sample Status	Good Condition				
Frequency Range	Band	TX Frequency (MHz)	RX Frequency (MHz)	Max. Conducted Power (dBm)	Antenna Gain [#] (dBi)
Maximum Conducted Power	LTE B2	1850-1910	1920-1980	23.98	3.02
Antenna Gain	LTE B4	1710-1755	2110-2155	23.93	3.08
	LTE B5	824-849	869-894	22.95	0.53
	LTE B7	2500-2570	2620-2690	20.02	2.84
	LTE B66	1710-1780	2110-2180	24.20	3.08
Modulation Technology	QPSK, 16QAM				
UE Category	Cat-1				
Power Supply	DC 3.7V from battery or DC 5V from adapter				
Adapter Information	Model: RSF-DY128A-0501000USU Input: AC100-240V, 50/60Hz, 0.3A Output: DC 5V/1A				
Modification	Sample No Modification by the test lab				

1.3 Measurement Uncertainty

Parameter		Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Emissions, Radiated	Below 30MHz	±2.78dB
	Below 1GHz	±4.84dB
	Above 1GHz	±5.44dB
Emissions, Conducted		1.75dB
Conducted Power		0.74dB
Frequency Error		150Hz
Bandwidth		0.34%
Note 1: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. Note 2: The Decision Rule is based on simple acceptance with ISO Guide 98-4:2012 Clause 8.2 (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)		

1.4 Laboratory Location

World Alliance Testing & Certification (Shenzhen) Co., Ltd

No. 1002, East Block, Laobing Building, Xingye Road 3012, Xixiang street, Bao'an District, Shenzhen, Guangdong, People's Republic of China

Tel: +86-755-29691511, Email: ga@watc.com.cn

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 463912, the FCC Designation No. : CN5040.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0160.

1.5 Test Methodology

FCC CFR Title 47 Part 2, 22H, 24E, 27

ANSI C63.26-2015

FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

FCC KDB 971168 D02 Misc Rev Approv License Devices v02r02

FCC KDB 412172 D01 Determining ERP and EIRP v01r01

Unless otherwise stated there are no any additions to, deviations, or exclusions from the method

2 Description of Measurement

2.1 Test Frequency of Low/Middle/High Channels

Band	Bandwidth (MHz)	Low Channel (MHz)	Middle Channel (MHz)	High Channel (MHz)
LTE B2	1.4	1850.7	1880	1909.3
	3	1851.5	1880	1908.5
	5	1852.5	1880	1907.5
	10	1855	1880	1905
	15	1857.5	1880	1902.5
	20	1860	1880	1900
LTE B4	1.4	1710.7	1732.5	1754.3
	3	1711.5	1732.5	1753.5
	5	1712.5	1732.5	1752.5
	10	1715	1732.5	1750
	15	1717.5	1732.5	1747.5
	20	1720	1732.5	1745
LTE B5	1.4	824.7	836.5	848.3
	3	825.5	836.5	847.5
	5	826.5	836.5	846.5
	10	829	836.5	844
LTE B7	5	2502.5	2535	2567.5
	10	2505	2535	2565
	15	2507.5	2535	2562.5
	20	2510	2535	2560
LTE B66	1.4	1710.7	1745	1779.3
	3	1711.5	1745	1778.5
	5	1712.5	1745	1777.5
	10	1715	1745	1775
	15	1717.5	1745	1772.5
	20	1720	1745	1770

2.2 Test Configuration for LTE bands

Test Items	Band	Bandwidth (MHz)						Modulation		RB#			Test Channel		
		1.4	3	5	10	15	20	QPSK	16QAM	1	Half	Full	L	M	H
RF Output Power ERP/EIRP	2	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	4	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	5	√	√	√	√	-	-	√	√	√	√	√	√	√	√
	7	-	-	√	√	√	√	√	√	√	√	√	√	√	√
	66	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Peak-to-Average Ratio	2				√			√	√	√		√	√	√	√
	4				√			√	√	√		√	√	√	√
	5				√	-	-	√	√	√		√	√	√	√
	7	-	-		√			√	√	√		√	√	√	√
	66				√			√	√	√		√	√	√	√
26dB and 99% Bandwidth	2	√	√	√	√	√	√	√	√			√	√	√	√
	4	√	√	√	√	√	√	√	√			√	√	√	√
	5	√	√	√	√	-	-	√	√			√	√	√	√
	7	-	-	√	√	√	√	√	√			√	√	√	√
	66	√	√	√	√	√	√	√	√			√	√	√	√

Band Edge	2	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	4	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	5	√	√	√	√	-	-	√	√	√	√	√	√	√	√
	7	-	-	√	√	√	√	√	√	√	√	√	√	√	√
	66	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Conducted Spurious Emission	2	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	4	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	5	√	√	√	√	-	-	√	√	√	√	√	√	√	√
	7	-	-	√	√	√	√	√	√	√	√	√	√	√	√
	66	√	√	√	√	√	√	√	√	√	√	√	√	√	√
Frequency Stability	2						√	√	√	√	√	√	√	√	√
	4						√	√	√	√	√	√	√	√	√
	5				√	-	-	√	√	√	√	√	√	√	√
	7	-	-				√	√	√	√	√	√	√	√	√
	66						√	√	√	√	√	√	√	√	√
Radiated Spurious Emission	2	√						√	√	√	√	√	√	√	√
	4	√						√	√	√	√	√	√	√	√
	5	√				-	-	√	√	√	√	√	√	√	√
	7	-	-	√				√	√	√	√	√	√	√	√
	66	√						√	√	√	√	√	√	√	√

Note:

1. "√" means the configuration was chosen for testing
2. "-" means the not support the bandwidth
3. The black table means the configuration was not test
4. The EUT is LTE Category 1 equipment, for 16QAM modulation type, the maximum support RB is 27.

Worst-Case Configuration:

For radiated emissions, EUT was investigated in three orthogonal orientation, the worst-case orientation was recorded in report

For radiated emissions, measurement was investigated from 30MHz to 10 times of fundamental, the worst case bandwidth, RB size and modulation test data was recorded.

2.3 Test Voltage[#]

Low Voltage(V _{DC})	Normal Voltage(V _{DC})	High Voltage(V _{DC})
3.4	3.7	4.2

2.4 Test Auxiliary Equipment

Manufacturer	Description	Model	Serial Number
R&S	Wideband Radio Communication tester	CMW500	146520

2.5 Test Auxiliary Equipment

Manufacturer	Description	Length(m)	From	To
/	/	/	/	/

2.6 Block Diagram of Connection between EUT and AE

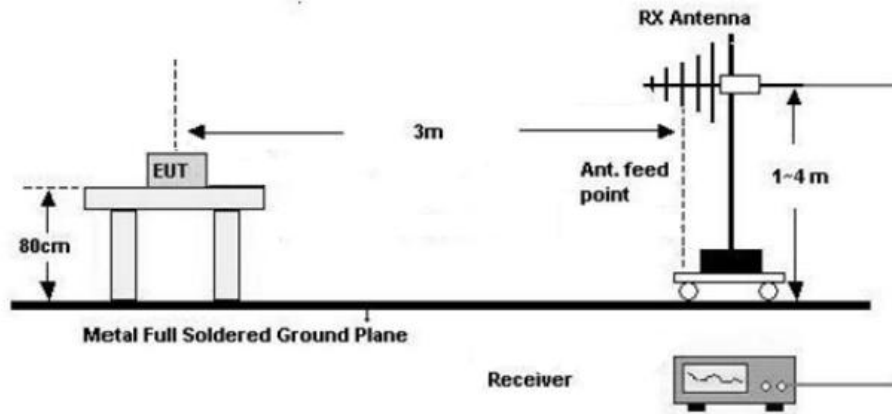


Note: for reference only, the actual connection setup used for testing please refer to the test photos.

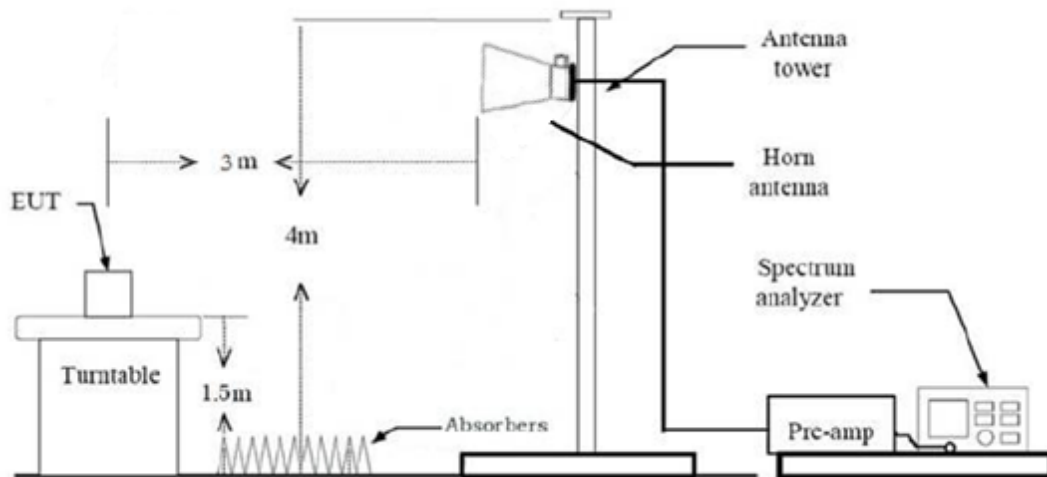
2.7 Test Setup

1) Radiated emission measurement:

30MHz-1GHz (3m SAC)

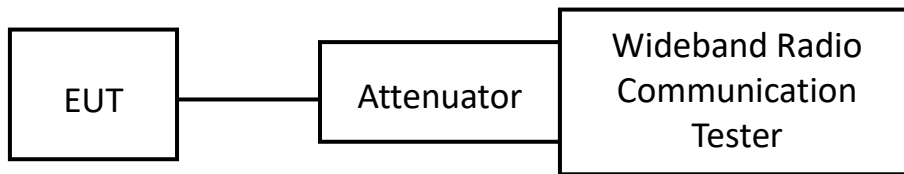


Above 1GHz

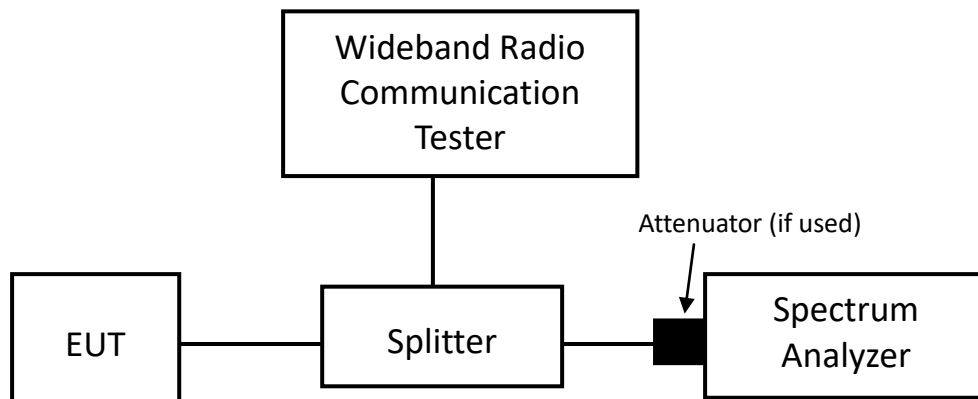


2) RF Conducted Test

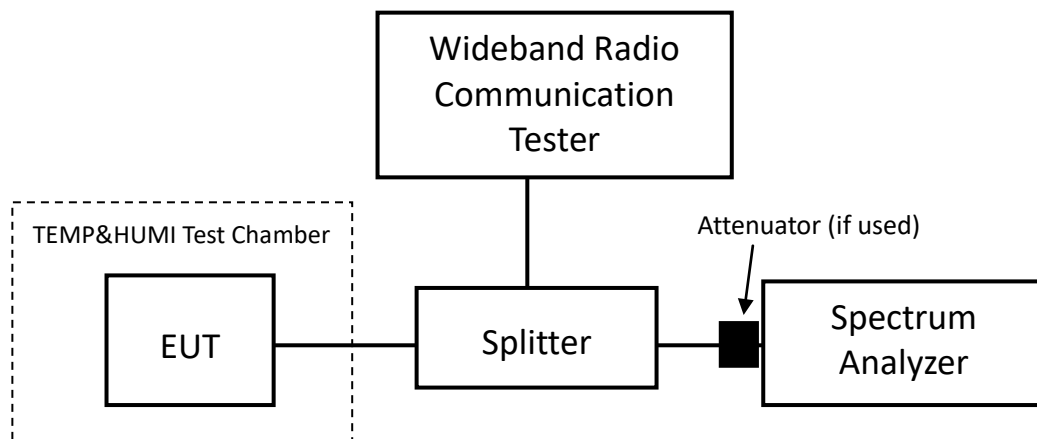
For RF Output Power test



For Bandwidth/Band edge/ PAR/Conducted spurious emissions Test



For Frequency Stability test



2.8 Test Procedure

Radiated Emission Procedure:

a) For 30MHz-1GHz:

1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.
2. EUT works in each mode of operation that needs to be tested. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.

b) For above 1GHz:

1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m chamber. The measurement distance from the EUT to the receiving antenna is 3 m.
2. EUT works in each mode of operation that needs to be tested, and having the EUT continuously working. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.
3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.

RF Conducted Test:

1. The antenna port of EUT was connected to the RF port of the test equipment (Wideband Radio Communication Tester or Spectrum analyzer) through Attenuator and RF cable.
2. The cable assembly insertion loss of 7.5dB (including 6.5 dB Splitter and 1.0 dB cable) was entered as an offset in the test equipment. Note: Actual cable loss was unavailable at the time of testing, therefore a loss of 1.0dB was assumed as worst case (except for conducted spurious emissions test, the worst cable loss is 1.5dBi for up to 10GHz, 2.5dBi for up to 20GHz, 3.0dBi for up to 26GHz). This was later verified to be true by laboratory. (if the RF cable provided by client, the cable loss declared by client)
3. The EUT is keeping in continuous transmission mode and tested in all modulation modes.

2.9 Measurement Method

Description of Test	Measurement Method
RF Output Power	ANSI C63.26-2015 section 5.2
ERP/EIRP	ANSI C63.26-2015 section 5.2.5.5
Peak-to-Average Ratio	ANSI C63.26-2015 section 5.2.3.4
26dB and 99% Bandwidth	ANSI C63.26-2015 section 5.4
Band Edge	ANSI C63.26-2015 section 5.7.3
Conducted Spurious Emissions	ANSI C63.26-2015 section 5.7.4
Frequency Stability	ANSI C63.26-2015 section 5.6
Radiated Spurious Emissions	ANSI C63.26-2015 section 5.5.4

2.10 Measurement Equipment

Manufacturer	Description	Model	Management No.	Calibration Date	Calibration Due Date
Radiated Emission Test					
R&S	EMI test receiver	ESR3	102758	2025/5/23	2026/5/22
ROHDE& SCHWARZ	SPECTRUM ANALYZER	FSV40-N	101608	2025/5/23	2026/5/22
SONOMA INSTRUMENT	Low frequency amplifier	310	186014	2025/9/19	2026/9/18
A.H. Systems	PREAMPLIFIER	PAM-0118P	531	2025/9/19	2026/9/18
COM-POWER	Amplifier	PAM-840A	461306	2025/9/19	2026/9/18
SCHWARZBECK	Log - periodic wideband antenna	VULB 9163	9163-872	2023/7/7	2026/7/6
Astro Antenna Ltd	Horn antenna	AHA-118S	3015	2023/7/6	2026/7/5
Ducommun technologies	Horn Antenna	ARH-4223-02	1007726-03	2023/7/10	2026/7/9
Oulitong	Band Reject Filter	OBSF-824-849-N	OE02103127	2025/5/23	2026/5/22
Oulitong	Band Reject Filter	OBSF-1850-1910-N	OE02103123	2025/5/23	2026/5/22
Oulitong	Band Reject Filter	OBSF-2500-2570-5 0S	OE02104363	2025/5/23	2026/5/22
Oulitong	Band Reject Filter	OBSF-1710-1785-N	OE02103125	2025/5/23	2026/5/22
Mini-circuits	1.3G High Pass Filter	VHF+1300+	2320	2025/9/19	2026/9/18
Mini-circuits	3.5G High Pass Filter	VHF+3500+	2335	2025/9/19	2026/9/18
N/A	Coaxial Cable	NO.9	N/A	2025/9/19	2026/9/18
N/A	Coaxial Cable	NO.13	N/A	2025/9/19	2026/9/18
N/A	Coaxial Cable	NO.15	N/A	2025/9/19	2026/9/18
N/A	Coaxial Cable	NO.16	N/A	2025/9/19	2026/9/18
Audix	Test Software	E3	191218 V9	/	/
RF Conducted Test					
ROHDE& SCHWARZ	SPECTRUM ANALYZER	FSU-26	200680/026	2025/5/23	2026/5/22
ROHDE& SCHWARZ	SPECTRUM ANALYZER	FSV40	101419	2025/5/23	2026/5/22
Unknown	10dB attenuator	5W 10dB 6G	N-JK	2025/9/19	2026/9/18
R&S	Wideband Radio Communication tester	CMW500	146520	2025/9/19	2026/9/18

HP	Power Splitter	11667A	1610A	2025/9/19	2026/9/18
BACL	TEMP&HUMI Test Chamber	BTH-150	30022	2025/9/19	2026/9/18
FLUKE	Digital Multimeter	15B+	N/A	2025/9/19	2026/9/18
UNI-T	DC Power Supply	UTP1310S	C221286498	/	/
Unknown	RF Coaxial Cable	NO.10	N/A	2025/9/19	2026/9/18

Note: All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or International standards.

3 Test Results

3.1 Test Summary

FCC Rules	Description of Test	Result
FCC§2.1046; § 22.913; § 24.232; §27.50	RF Output Power	Compliance
FCC§ 2.1047	Modulation Characteristics	Compliance
FCC§ 2.1049; § 22.905; § 22.917; § 24.238; §27.53	26dB and 99% Bandwidth	Compliance
FCC§ 2.1051; § 22.917; § 24.238; §27.53	Conducted Spurious Emissions	Compliance
FCC§ 22.917; § 24.238; §27.53	Out of band emission, Band Edge	Compliance
FCC§ 2.1055; § 22.355; § 24.235; §27.54	Frequency stability	Compliance
FCC§ 2.1053; § 22.917; § 24.238; §27.53	Radiated Spurious Emissions	Compliance

3.2 Limit

Test items	Limit																																				
RF Output Power	FCC §22.913: (a)(5) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7watts. (d) Power measurement. Measurement of the ERP of Cellular base transmitters and repeaters must be made using an average power measurement technique. The peak-to average ratio (PAR) of the transmission must not exceed 13 dB. Power measurements for base transmitters and repeaters must be made in accordance with either of the following: (1) A Commission-approved average power technique (see FCC Laboratory's Knowledge Database); or (2) For purposes of this section, peak transmit power must be measured over an interval of continuous transmission using instrumentation calibrated in terms of an rms equivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.																																				
Unwanted Emissions (Out of band emission and spurious)	FCC §22.917: (a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. (b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a reference bandwidth as follows: (1) In the spectrum below 1 GHz, instrumentation should employ a reference bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy, provided that the measured power is integrated over the full required reference bandwidth (i.e., 100 kHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. (2) In the spectrum above 1 GHz, instrumentation should employ a reference bandwidth of 1 MHz																																				
Frequency stability	FCC §22.355: Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section. <table><tr><th colspan="4">Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services</th></tr><tr><th>Frequency range (MHz)</th><th>Base, fixed (ppm)</th><th>Mobile >3 watts (ppm)</th><th>Mobile ≤3 watts (ppm)</th></tr><tr><td>25 to 50</td><td>20.0</td><td>20.0</td><td>50.0</td></tr><tr><td>50 to 450</td><td>5.0</td><td>5.0</td><td>50.0</td></tr><tr><td>450 to 512</td><td>2.5</td><td>5.0</td><td>5.0</td></tr><tr><td>821 to 896</td><td>1.5</td><td>2.5</td><td>2.5</td></tr><tr><td>928 to 929</td><td>5.0</td><td>n/a</td><td>n/a</td></tr><tr><td>929 to 960</td><td>1.5</td><td>n/a</td><td>n/a</td></tr><tr><td>2110 to 2220</td><td>10.0</td><td>n/a</td><td>n/a</td></tr></table>	Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services				Frequency range (MHz)	Base, fixed (ppm)	Mobile >3 watts (ppm)	Mobile ≤3 watts (ppm)	25 to 50	20.0	20.0	50.0	50 to 450	5.0	5.0	50.0	450 to 512	2.5	5.0	5.0	821 to 896	1.5	2.5	2.5	928 to 929	5.0	n/a	n/a	929 to 960	1.5	n/a	n/a	2110 to 2220	10.0	n/a	n/a
Table C-1—Frequency Tolerance for Transmitters in the Public Mobile Services																																					
Frequency range (MHz)	Base, fixed (ppm)	Mobile >3 watts (ppm)	Mobile ≤3 watts (ppm)																																		
25 to 50	20.0	20.0	50.0																																		
50 to 450	5.0	5.0	50.0																																		
450 to 512	2.5	5.0	5.0																																		
821 to 896	1.5	2.5	2.5																																		
928 to 929	5.0	n/a	n/a																																		
929 to 960	1.5	n/a	n/a																																		
2110 to 2220	10.0	n/a	n/a																																		

Test items	Limit
RF Output Power	FCC §24.232: (c) Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications. (d) Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of § 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.
Unwanted Emissions (Out of band emission and spurious)	FCC §24.238: The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service. (a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. (b) Measurement procedure. Compliance with these rules is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 MHz or 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. (c) Alternative out of band emission limit. Licensees in this service may establish an alternative out of band emission limit to be used at specified band edge(s) in specified geographical areas, in lieu of that set forth in this section, pursuant to a private contractual arrangement of all affected licensees and applicants. In this event, each party to such contract shall maintain a copy of the contract in their station files and disclose it to prospective assignees or transferees and, upon request, to the FCC. (d) Interference caused by out of band emissions. If any emission from a transmitter operating in this service results in interference to users of another radio service, the FCC may require a greater attenuation of that emission than specified in this section.
Frequency stability	FCC §24.235: The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

Test items	Limit
RF Output Power	FCC §27.50: (a)(3) Mobile and portable stations. (i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth. For mobile and portable stations using time division duplexing (TDD) technology, the duty cycle must not exceed 38 percent in the 2305-2315 MHz and 2350-2360 MHz bands. Mobile and portable stations using FDD technology are restricted to transmitting in the 2305-2315 MHz band. Power averaging shall not include intervals in which the transmitter is off. (ii) Mobile and portable stations are not permitted to transmit in the 2315-2320 MHz and 2345-2350 MHz bands. (iii) Automatic transmit power control. Mobile and portable stations transmitting in the 2305-2315 MHz band or in the 2350-2360 MHz band must employ automatic transmit power control when operating so the stations operate with the minimum power necessary for successful communications. (iv) Prohibition on external vehicle-mounted antennas. The use of external vehicle-mounted antennas for mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band is prohibited. (b)(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP. (c)(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP. (d)(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications. (h) The following power limits shall apply in the BRS and EBS: (2) Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

Unwanted Emissions (Out of band emission and spurious)	FCC §27.53: (a) For operations in the 2305-2320 MHz band and the 2345-2360 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power P (with averaging performed only during periods of transmission) within the licensed band(s) of operation, in watts, by the following amounts: (4) For mobile and portable stations operating in the 2305-2315 MHz and 2350-2360 MHz bands: (i) By a factor of not less than: $43 + 10 \log (P)$ dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than $55 + 10 \log (P)$ dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than $61 + 10 \log (P)$ dB on all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than $67 + 10 \log (P)$ dB on all frequencies between 2328 and 2337 MHz; (ii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2300 and 2305 MHz, $55 + 10 \log (P)$ dB on all frequencies between 2296 and 2300 MHz, $61 + 10 \log (P)$ dB on all frequencies between 2292 and 2296 MHz, $67 + 10 \log (P)$ dB on all frequencies between 2288 and 2292 MHz, and $70 + 10 \log (P)$ dB below 2288 MHz; (iii) By a factor of not less than $43 + 10 \log (P)$ dB on all frequencies between 2360 and 2365 MHz, and not less than $70 + 10 \log (P)$ dB above 2365 MHz. (c) For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following: (1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB; (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least $43 + 10 \log (P)$ dB; (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $76 + 10 \log (P)$ dB in a 6.25 kHz band segment, for base and fixed stations; (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than $65 + 10 \log (P)$ dB in a 6.25 kHz band segment, for mobile and portable stations; (5) Compliance with the provisions of paragraphs (c)(1) and (c)(2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed; (6) Compliance with the provisions of paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.
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	(f) For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation. (g) For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed. (h) AWS emission limits (1) <i>General protection levels.</i> Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least $43 + 10 \log_{10} (P)$ dB. (m)(4) For mobile digital stations, the attenuation factor shall be not less than $40 + 10 \log (P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log (P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log (P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than $43 + 10 \log (P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log (P)$ dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.
Frequency stability	FCC §27.54: The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

3.3 RF Conducted Test Data

Test Date:	2026-01-24-2026-03-25	Test By:	Ryan Zhang
Environment condition:	Temperature:23.1~24.7°C; Relative Humidity:51~53%; ATM Pressure: 100.9~101.1kPa		

Test data please refer to the Appendix A.

3.4 Radiated Spurious emission Test Data

Test Date:	2026-01-23~2026-01-24	Test By:	Bard Huang
Environment condition:	Temperature:21.6~23.1°C; Relative Humidity:48~54%; ATM Pressure: 101.1~101.4kPa		

Note: Pre-scan all Bandwidth QPSK/16QAM modulation with 1RB/full RB configurations, the worst case was recorded.

Frequency (MHz)	Reading level (dBμV)	Polar (H/V)	Corrected Factor (dB/m)	Corrected Amplitude (dBμV/m)	EIRP CF	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)	Remark
LTE Band 2(QPSK 1RB)									
30MHz~20GHz									
1.4MHz Bandwidth Low Channel									
306.216	32.95	horizontal	-11.14	21.81	95.2	-73.39	-13	-60.39	Peak
736.426	25.96	vertical	-3.00	22.96	95.2	-72.24	-13	-59.24	Peak
3701.400	56.87	horizontal	-2.55	54.32	95.2	-40.88	-13	-27.88	Peak
5552.100	60.50	horizontal	-1.70	58.80	95.2	-36.4	-13	-23.4	Peak
7402.800	57.05	horizontal	-1.26	55.79	95.2	-39.41	-13	-26.41	Peak
3701.400	63.21	vertical	-2.55	60.66	95.2	-34.54	-13	-21.54	Peak
5552.100	57.20	vertical	-1.70	55.50	95.2	-39.7	-13	-26.7	Peak
7402.800	54.09	vertical	-1.26	52.83	95.2	-42.37	-13	-29.37	Peak
1.4MHz Bandwidth Middle Channel									
307.966	37.30	horizontal	-11.09	26.21	95.2	-68.99	-13	-55.99	Peak
743.561	28.62	vertical	-2.84	25.78	95.2	-69.42	-13	-56.42	Peak
3760.000	53.37	horizontal	-2.65	50.72	95.2	-44.48	-13	-31.48	Peak
5640.000	55.74	horizontal	-1.34	54.40	95.2	-40.8	-13	-27.8	Peak
7520.000	57.65	horizontal	-1.22	56.43	95.2	-38.77	-13	-25.77	Peak
3760.000	62.10	vertical	-2.65	59.45	95.2	-35.75	-13	-22.75	Peak
5640.000	51.23	vertical	-1.34	49.89	95.2	-45.31	-13	-32.31	Peak
7520.000	56.49	vertical	-1.24	55.25	95.2	-39.95	-13	-26.95	Peak
1.4MHz Bandwidth High Channel									
311.223	34.61	horizontal	-11.03	23.58	95.2	-71.62	-13	-58.62	Peak
749.451	28.79	vertical	-2.68	26.11	95.2	-69.09	-13	-56.09	Peak
3818.600	50.70	horizontal	-2.79	47.91	95.2	-47.29	-13	-34.29	Peak
5727.900	51.90	horizontal	-1.22	50.68	95.2	-44.52	-13	-31.52	Peak

7637.200	56.63	horizontal	-0.25	56.38	95.2	-38.82	-13	-25.82	Peak
3818.600	58.56	vertical	-2.79	55.77	95.2	-39.43	-13	-26.43	Peak
7637.200	54.13	vertical	-0.24	53.89	95.2	-41.31	-13	-28.31	Peak
LTE Band 4(QPSK 1RB)									
30MHz~20GHz									
1.4MHz Bandwidth Low Channel									
315.066	35.75	horizontal	-10.93	24.82	95.2	-70.38	-13	-57.38	Peak
750.108	33.45	vertical	-2.66	30.79	95.2	-64.41	-13	-51.41	Peak
3421.400	58.06	horizontal	-2.50	55.56	95.2	-39.64	-13	-26.64	Peak
5132.100	61.91	horizontal	-1.60	60.31	95.2	-34.89	-13	-21.89	Peak
6842.800	74.41	horizontal	-1.03	73.38	95.2	-21.82	-13	-8.82	Peak
8553.500	65.01	horizontal	0.55	65.56	95.2	-29.64	-13	-16.64	Peak
10264.200	58.95	horizontal	2.30	61.25	95.2	-33.95	-13	-20.95	Peak
11974.900	52.56	horizontal	4.90	57.46	95.2	-37.74	-13	-24.74	Peak
13685.600	53.82	horizontal	6.28	60.10	95.2	-35.1	-13	-22.1	Peak
3421.400	59.41	vertical	-2.50	56.91	95.2	-38.29	-13	-25.29	Peak
5132.100	59.49	vertical	-1.60	57.89	95.2	-37.31	-13	-24.31	Peak
6842.800	68.49	vertical	-1.03	67.46	95.2	-27.74	-13	-14.74	Peak
8553.500	61.10	vertical	0.55	61.65	95.2	-33.55	-13	-20.55	Peak
10264.200	59.09	vertical	2.30	61.39	95.2	-33.81	-13	-20.81	Peak
11974.900	55.05	vertical	4.90	59.95	95.2	-35.25	-13	-22.25	Peak
13685.600	51.97	vertical	6.29	58.26	95.2	-36.94	-13	-23.94	Peak
1.4MHz Bandwidth Middle Channel									
320.780	39.36	horizontal	-10.79	28.57	95.2	-66.63	-13	-53.63	Peak
759.038	26.38	vertical	-2.57	23.81	95.2	-71.39	-13	-58.39	Peak
3465.000	71.04	horizontal	-2.55	68.49	95.2	-26.71	-13	-13.71	Peak
5197.500	64.57	horizontal	-1.28	63.29	95.2	-31.91	-13	-18.91	Peak
6930.000	73.25	horizontal	-1.02	72.23	95.2	-22.97	-13	-9.97	Peak
8662.500	62.86	horizontal	0.95	63.81	95.2	-31.39	-13	-18.39	Peak
10395.000	54.24	horizontal	2.79	57.03	95.2	-38.17	-13	-25.17	Peak
12127.500	55.39	horizontal	5.02	60.41	95.2	-34.79	-13	-21.79	Peak
3465.000	75.26	vertical	-2.55	72.71	95.2	-22.49	-13	-9.49	Peak
5197.500	58.15	vertical	-1.28	56.87	95.2	-38.33	-13	-25.33	Peak
6930.000	74.17	vertical	-1.02	73.15	95.2	-22.05	-13	-9.05	Peak
8662.500	60.59	vertical	0.95	61.54	95.2	-33.66	-13	-20.66	Peak

10395.000	59.04	vertical	2.79	61.83	95.2	-33.37	-13	-20.37	Peak
12127.500	55.28	vertical	5.03	60.31	95.2	-34.89	-13	-21.89	Peak
1.4MHz Bandwidth High Channel									
322.613	39.79	horizontal	-10.70	29.09	95.2	-66.11	-13	-53.11	Peak
762.707	29.02	vertical	-2.52	26.50	95.2	-68.70	-13	-55.70	Peak
3508.600	57.88	horizontal	-2.60	55.28	95.2	-39.92	-13	-26.92	Peak
5262.900	60.51	horizontal	-1.71	58.80	95.2	-36.4	-13	-23.4	Peak
7017.200	74.31	horizontal	-0.86	73.45	95.2	-21.75	-13	-8.75	Peak
8771.500	56.81	horizontal	1.40	58.21	95.2	-36.99	-13	-23.99	Peak
3508.600	56.08	vertical	-2.60	53.48	95.2	-41.72	-13	-28.72	Peak
5262.900	54.94	vertical	-1.71	53.23	95.2	-41.97	-13	-28.97	Peak
7017.200	69.00	vertical	-0.86	68.14	95.2	-27.06	-13	-14.06	Peak
8771.500	55.21	vertical	1.40	56.61	95.2	-38.59	-13	-25.59	Peak
LTE Band 5(QPSK 1RB)									
30MHz~10GHz									
1.4MHz Bandwidth Low Channel									
325.739	39.53	horizontal	-10.57	28.96	95.2	-66.24	-13	-53.24	Peak
774.837	28.63	vertical	-2.48	26.15	95.2	-69.05	-13	-56.05	Peak
1649.400	76.96	horizontal	-3.87	73.09	95.2	-22.11	-13	-9.11	Peak
2474.100	65.13	horizontal	-2.71	62.42	95.2	-32.78	-13	-19.78	Peak
3298.800	60.33	horizontal	-2.67	57.66	95.2	-37.54	-13	-24.54	Peak
4123.500	55.19	horizontal	-3.49	51.70	95.2	-43.5	-13	-30.5	Peak
4948.200	54.63	horizontal	-1.71	52.92	95.2	-42.28	-13	-29.28	Peak
5772.900	63.24	horizontal	-1.31	61.93	95.2	-33.27	-13	-20.27	Peak
6597.600	63.01	horizontal	-0.82	62.19	95.2	-33.01	-13	-20.01	Peak
7422.300	55.46	horizontal	-1.31	54.15	95.2	-41.05	-13	-28.05	Peak
8247.000	55.64	horizontal	0.22	55.86	95.2	-39.34	-13	-26.34	Peak
1649.400	77.27	vertical	-3.87	73.40	95.2	-21.8	-13	-8.8	Peak
2474.100	67.52	vertical	-2.71	64.81	95.2	-30.39	-13	-17.39	Peak
3298.800	58.58	vertical	-2.67	55.91	95.2	-39.29	-13	-26.29	Peak
4123.500	54.13	vertical	-3.49	50.64	95.2	-44.56	-13	-31.56	Peak
4948.200	52.76	vertical	-1.70	51.06	95.2	-44.14	-13	-31.14	Peak
5772.900	55.50	vertical	-1.31	54.19	95.2	-41.01	-13	-28.01	Peak
6597.600	58.82	vertical	-0.80	58.02	95.2	-37.18	-13	-24.18	Peak
7422.300	55.90	vertical	-1.31	54.59	95.2	-40.61	-13	-27.61	Peak

8247.000	53.03	vertical	0.22	53.25	95.2	-41.95	-13	-28.95	Peak
1.4MHz Bandwidth Middle Channel									
330.050	41.27	horizontal	-10.38	30.89	95.2	-64.31	-13	-51.31	Peak
777.218	29.14	vertical	-2.44	26.70	95.2	-68.50	-13	-55.50	Peak
1673.000	78.22	horizontal	-3.75	74.47	95.2	-20.73	-13	-7.73	Peak
2509.500	60.70	horizontal	-2.63	58.07	95.2	-37.13	-13	-24.13	Peak
3346.000	58.97	horizontal	-2.58	56.39	95.2	-38.81	-13	-25.81	Peak
5019.000	55.33	horizontal	-1.71	53.62	95.2	-41.58	-13	-28.58	Peak
5855.500	60.31	horizontal	-1.60	58.71	95.2	-36.49	-13	-23.49	Peak
6692.000	59.18	horizontal	-1.29	57.89	95.2	-37.31	-13	-24.31	Peak
7528.500	62.34	horizontal	-1.16	61.18	95.2	-34.02	-13	-21.02	Peak
1673.000	77.52	vertical	-3.75	73.77	95.2	-21.43	-13	-8.43	Peak
2509.500	62.14	vertical	-2.63	59.51	95.2	-35.69	-13	-22.69	Peak
3346.000	60.40	vertical	-2.58	57.82	95.2	-37.38	-13	-24.38	Peak
5019.000	55.75	vertical	-1.71	54.04	95.2	-41.16	-13	-28.16	Peak
5855.500	52.31	vertical	-1.60	50.71	95.2	-44.49	-13	-31.49	Peak
6692.000	54.23	vertical	-1.29	52.94	95.2	-42.26	-13	-29.26	Peak
7528.500	57.49	vertical	-1.16	56.33	95.2	-38.87	-13	-25.87	Peak
1.4MHz Bandwidth High Channel									
330.919	36.85	horizontal	-10.34	26.51	95.2	-68.69	-13	-55.69	Peak
783.375	29.34	vertical	-2.38	26.96	95.2	-68.24	-13	-55.24	Peak
1696.600	73.34	horizontal	-3.63	69.71	95.2	-25.49	-13	-12.49	Peak
2544.900	56.46	horizontal	-2.61	53.85	95.2	-41.35	-13	-28.35	Peak
3393.200	59.40	horizontal	-2.49	56.91	95.2	-38.29	-13	-25.29	Peak
4241.500	53.50	horizontal	-3.98	49.52	95.2	-45.68	-13	-32.68	Peak
5089.800	54.58	horizontal	-1.74	52.84	95.2	-42.36	-13	-29.36	Peak
5938.100	57.99	horizontal	-1.77	56.22	95.2	-38.98	-13	-25.98	Peak
6786.400	58.18	horizontal	-0.99	57.19	95.2	-38.01	-13	-25.01	Peak
7634.700	53.13	horizontal	-0.27	52.86	95.2	-42.34	-13	-29.34	Peak
1696.600	72.59	vertical	-3.63	68.96	95.2	-26.24	-13	-13.24	Peak
2544.900	59.60	vertical	-2.61	56.99	95.2	-38.21	-13	-25.21	Peak
3393.200	57.96	vertical	-2.49	55.47	95.2	-39.73	-13	-26.73	Peak
4241.500	51.69	vertical	-3.98	47.71	95.2	-47.49	-13	-34.49	Peak
5089.800	54.51	vertical	-1.74	52.77	95.2	-42.43	-13	-29.43	Peak
5938.100	51.87	vertical	-1.77	50.10	95.2	-45.1	-13	-32.1	Peak

6786.400	54.39	vertical	-1.00	53.39	95.2	-41.81	-13	-28.81	Peak
7634.700	56.33	vertical	-0.26	56.07	95.2	-39.13	-13	-26.13	Peak
LTE Band 7(QPSK 1RB)									
30MHz~26GHz									
5MHz Bandwidth Low Channel									
336.183	36.48	horizontal	-10.11	26.37	95.2	-68.83	-25	-43.83	Peak
789.926	27.86	vertical	-2.38	25.48	95.2	-69.72	-25	-44.72	Peak
5005.000	62.92	horizontal	-1.69	61.23	95.2	-33.97	-25	-8.97	Peak
7507.500	68.22	horizontal	-1.35	66.87	95.2	-28.33	-25	-3.33	Peak
10010.000	59.21	horizontal	1.27	60.48	95.2	-34.72	-25	-9.72	Peak
5005.000	60.94	vertical	-1.69	59.25	95.2	-35.95	-25	-10.95	Peak
7507.500	66.41	vertical	-1.43	64.98	95.2	-30.22	-25	-5.22	Peak
10010.000	59.25	vertical	1.32	60.57	95.2	-34.63	-25	-9.63	Peak
5MHz Bandwidth Middle Channel									
341.380	35.66	horizontal	-9.88	25.78	95.2	-69.42	-25	-44.42	Peak
800.031	40.63	vertical	-2.29	38.34	95.2	-56.86	-25	-31.86	Peak
5070.000	64.02	horizontal	-1.73	62.29	95.2	-32.91	-25	-7.91	Peak
7605.000	59.23	horizontal	-0.43	58.80	95.2	-36.4	-25	-11.4	Peak
10140.000	58.68	horizontal	2.04	60.72	95.2	-34.48	-25	-9.48	Peak
5070.000	63.15	vertical	-1.73	61.42	95.2	-33.78	-25	-8.78	Peak
7605.000	68.54	vertical	-0.44	68.10	95.2	-27.1	-25	-2.1	Peak
10140.000	58.49	vertical	2.04	60.53	95.2	-34.67	-25	-9.67	Peak
5MHz Bandwidth High Channel									
346.657	33.43	horizontal	-9.69	23.74	95.2	-71.46	-25	-46.46	Peak
808.846	28.37	vertical	-2.26	26.11	95.2	-69.09	-25	-44.09	Peak
5135.000	64.18	horizontal	-1.60	62.58	95.2	-32.62	-25	-7.62	Peak
7702.500	61.06	horizontal	-0.04	61.02	95.2	-34.18	-25	-9.18	Peak
10270.000	56.30	horizontal	2.30	58.60	95.2	-36.6	-25	-11.6	Peak
5135.000	65.64	vertical	-1.60	64.04	95.2	-31.16	-25	-6.16	Peak
7702.500	60.31	vertical	-0.04	60.27	95.2	-34.93	-25	-9.93	Peak
10270.000	57.47	vertical	2.30	59.77	95.2	-35.43	-25	-10.43	Peak
12837.500	54.72	vertical	4.42	59.14	95.2	-36.06	-25	-11.06	Peak
LTE Band 66(QPSK 1RB)									
30MHz~20GHz									
1.4MHz Bandwidth Low Channel									

350.016	35.31	horizontal	-9.60	25.71	95.2	-69.49	-13	-56.49	Peak
851.408	28.40	vertical	-2.08	26.32	95.2	-68.88	-13	-55.88	Peak
3421.400	57.44	horizontal	-2.50	54.94	95.2	-40.26	-13	-27.26	Peak
5132.100	60.26	horizontal	-1.60	58.66	95.2	-36.54	-13	-23.54	Peak
6842.800	74.57	horizontal	-1.03	73.54	95.2	-21.66	-13	-8.66	Peak
8553.500	65.33	horizontal	0.54	65.87	95.2	-29.33	-13	-16.33	Peak
10264.200	60.96	horizontal	2.30	63.26	95.2	-31.94	-13	-18.94	Peak
11974.900	52.73	horizontal	4.90	57.63	95.2	-37.57	-13	-24.57	Peak
13685.600	54.97	horizontal	6.28	61.25	95.2	-33.95	-13	-20.95	Peak
3421.400	59.77	vertical	-2.50	57.27	95.2	-37.93	-13	-24.93	Peak
5132.100	59.28	vertical	-1.60	57.68	95.2	-37.52	-13	-24.52	Peak
6842.800	69.09	vertical	-1.03	68.06	95.2	-27.14	-13	-14.14	Peak
8553.500	61.78	vertical	0.55	62.33	95.2	-32.87	-13	-19.87	Peak
10264.200	59.56	vertical	2.30	61.86	95.2	-33.34	-13	-20.34	Peak
11974.900	57.41	vertical	4.90	62.31	95.2	-32.89	-13	-19.89	Peak
13685.600	52.82	vertical	6.29	59.11	95.2	-36.09	-13	-23.09	Peak
1.4MHz Bandwidth Middle Channel									
351.708	33.28	horizontal	-9.59	23.69	95.2	-71.51	-13	-58.51	Peak
863.435	28.85	vertical	-1.94	26.91	95.2	-68.29	-13	-55.29	Peak
3490.000	59.83	horizontal	-2.59	57.24	95.2	-37.96	-13	-24.96	Peak
5235.000	59.90	horizontal	-1.51	58.39	95.2	-36.81	-13	-23.81	Peak
6980.000	71.37	horizontal	-0.92	70.45	95.2	-24.75	-13	-11.75	Peak
8725.000	58.71	horizontal	1.08	59.79	95.2	-35.41	-13	-22.41	Peak
3490.000	60.01	vertical	-2.59	57.42	95.2	-37.78	-13	-24.78	Peak
5235.000	53.77	vertical	-1.50	52.27	95.2	-42.93	-13	-29.93	Peak
6980.000	69.87	vertical	-0.92	68.95	95.2	-26.25	-13	-13.25	Peak
8725.000	56.85	vertical	1.08	57.93	95.2	-37.27	-13	-24.27	Peak
10470.000	52.79	vertical	3.07	55.86	95.2	-39.34	-13	-26.34	Peak
1.4MHz Bandwidth High Channel									
355.116	32.39	horizontal	-9.57	22.82	95.2	-72.38	-13	-59.38	Peak
875.247	25.76	vertical	-1.70	24.06	95.2	-71.14	-13	-58.14	Peak
3558.600	60.02	horizontal	-2.59	57.43	95.2	-37.77	-13	-24.77	Peak
5337.900	59.21	horizontal	-1.89	57.32	95.2	-37.88	-13	-24.88	Peak
7117.200	68.56	horizontal	-0.89	67.67	95.2	-27.53	-13	-14.53	Peak

8896.500	55.25	horizontal	1.69	56.94	95.2	-38.26	-13	-25.26	Peak
3558.600	54.07	vertical	-2.59	51.48	95.2	-43.72	-13	-30.72	Peak
5337.900	54.01	vertical	-1.89	52.12	95.2	-43.08	-13	-30.08	Peak
7117.200	62.32	vertical	-0.89	61.43	95.2	-33.77	-13	-20.77	Peak
8896.500	52.24	vertical	1.69	53.93	95.2	-41.27	-13	-28.27	Peak

Remark:

Corrected Amplitude= Reading level + corrected Factor

Corrected Factor = Antenna factor + Cable loss – Amplifier gain

Margin = Result – Limit

According to ANSI C63.26-2015 section 5.2.7:

$EIRP\ (dBm) = E\ (dB\mu V/m) + 20\log(D) - 104.8$; where D is the measurement distance (in the far field region) in m.

Test was performed on 3meters distance, so

Result = Corrected Amplitude + $20\log(3) - 104.8$

= Corrected Amplitude - 95.2

The emission levels of other frequencies that were lower than the limit 20dB, not show in test report.

4 Test Setup Photo

Please refer to the attachment 2605P42932E Test Setup photo.

5 E.U.T Photo

Please refer to the attachment 2605P42932E External photo and 2605P42932E Internal photo.

---End of Report---